

CERTIFICATE OF ANALYSIS

CERTIFICATE CODE: EKL26090301

CLIENT: Standard

SAMPLE RECEIVED: Sept 4, 2026

LOT No.: GZ-RT20 260812

REPORTED: Sept 11, 2026

TEST SUMMARY

Product	Retatrutide 20mg
Identity	Pass
Appearance	Pass
Content	Pass
Net Peptide Content	264.66mg/g
Purity	Pass



ANALYTICAL RESULTS

No.	Test Item	Specification	Result	Method
1	Identity (LC-MS)	MW=4731.33±1.0 Da	4730.6784 Da	LC-MS
2	Appearance	White Lyophilized Powder	Confirmed	Visual Inspection
3	Mol. Formula	$C_{221}H_{342}N_{46}O_{68}$	Confirmed	HRMS/Elemental Analysis
4	Content	20±1 mg	19.76 mg	RP-HPLC, External Standard
5	Net Peptide Content		264.66mg/g	RP-HPLC, External Standard
6	Purity (HPLC)	≥ 99.0%	99.89%	RP-HPLC, External Standard

Xing Lu

Chemist: Xing Lu
Date: Sept 10, 2026

Kunlin Xu

Principal Chemist: Kunlin Xu
Date: Sept 11, 2026



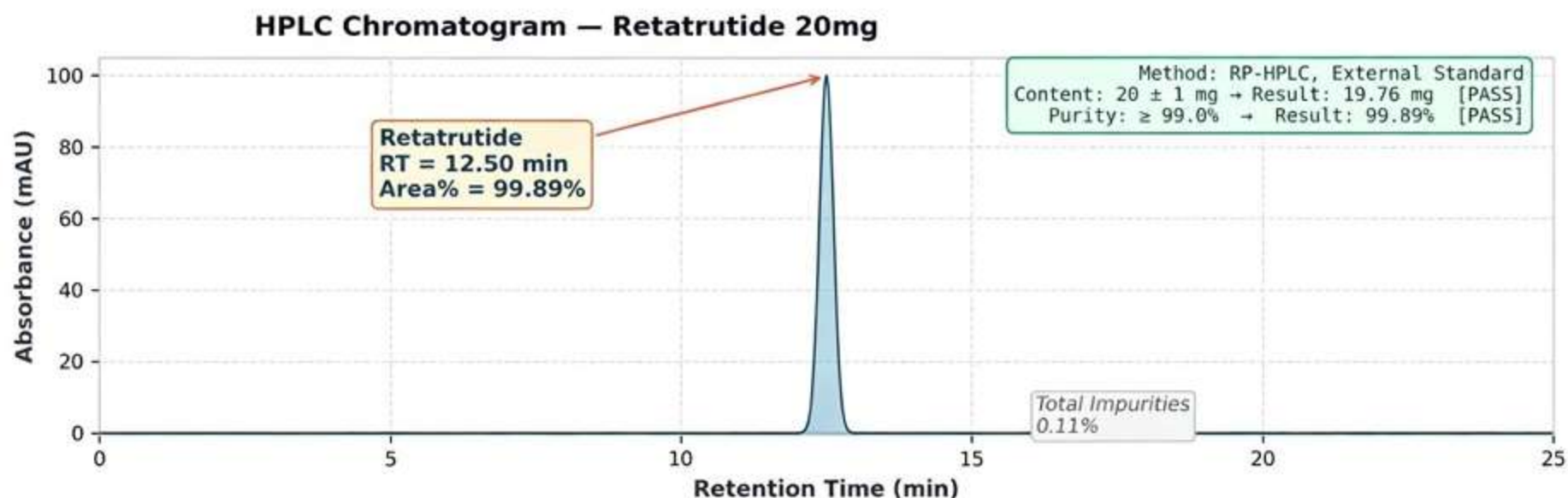
VERIFY



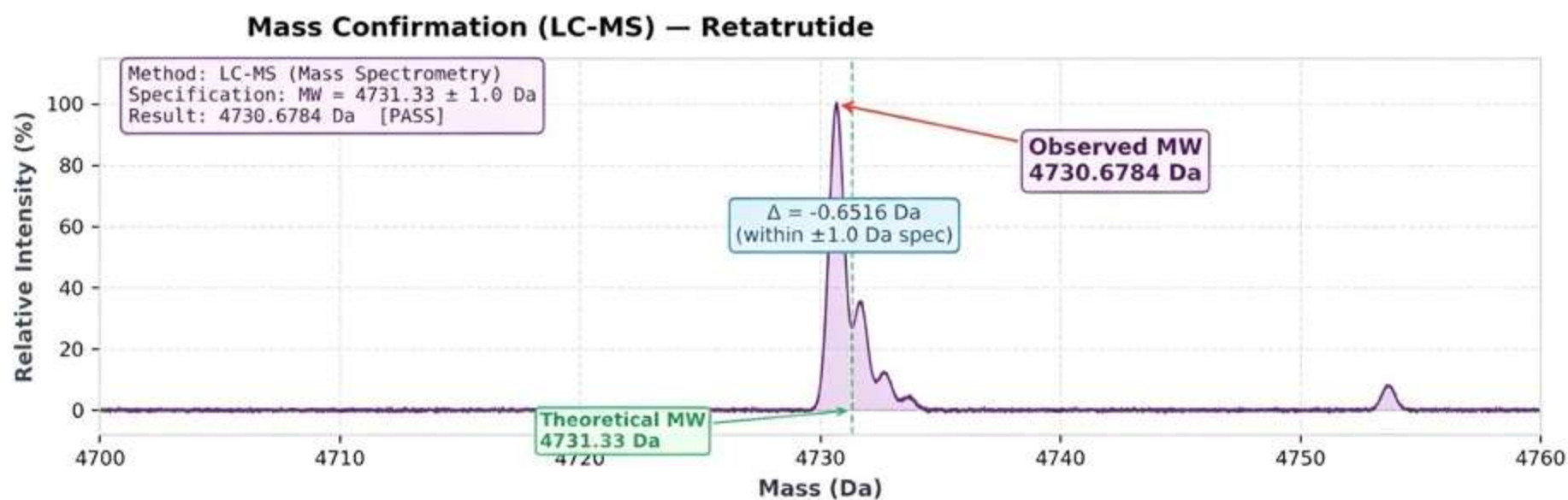
METHODS

HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation



Xing Lu

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VERIFY

